

Unit Test Plan  
Class: EnterTestResult

TestDate: 27/11/2021

TestID: 2010

Attributes:

1. resultState:
  - set array three elements [Green,Red,Amber]
  - if input enter is yellow result to **Fail**
  - if input is Green or Red or Amber result to **Pass**
  - if input blank result **Fail**
2. crownpassId:
  - set to integer range 1 – 10
  - if input let blank result **Fail**
  - if input string result **Fail**
  - if input less than 1 and great 10 result **Fail**
  - if input with range 1 to 10 result **Pass**
3. crownpassContact:
  - set to 11 numbers 07553736387
  - if input less than 11 and great than 11 result **Fail**
  - if input left blank result **Fail**
  - if input is string result **Fail**
  - if input number is 11 digit 07836373663 result **Pass**
4. fullname :
  - set string length 10
  - if input string less than 1 and over 10 result **Fail**
  - if input string with range eg camara result **Pass**
  - if input left blank **Fail**

**Function:** method will set the crownpassid

1. ***setCrownpassId(int num)***

TestData: data length maximum set to 10, data type integer

TestStep:

1. ***check data type enter to be integer***
2. ***check length is between 1 less than or equal to 10***
3. ***check length less than 1 and great 10***
4. ***check data type string***
5. ***check set is not empty***

ExpectedResult:

- |                                       |                            |
|---------------------------------------|----------------------------|
| 1. if data type is integer            | result will be <b>pass</b> |
| 2. if data type is string             | result will be <b>fail</b> |
| 3. if input length is less than 1     | result will be <b>fail</b> |
| 4. if input length is greater than 10 | result will be <b>fail</b> |
| 5. if input length in range 1 to 10   | result will be <b>pass</b> |
| 6. if input set left blank            | result will be <b>fail</b> |

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**Function:** method will return the crownpassid

2. ***getCrownpassId()***

TestData: return data type integer

TestStep:

1. ***check return data type is 10 digit integer for crownpassid***
2. ***check return data is numbers***
3. ***check return contact detail correct format eg 0763846383 and range***
4. ***check if return data type string***
5. ***check set is not empty***

ExpectedResult:

- |  |                            |
|--|----------------------------|
| 1. if return data type is digit integer        | result will be <b>pass</b> |
| 2. if return data type is string               | result will be <b>fail</b> |
| 3. if return digit length is less than 1       | result will be <b>fail</b> |
| 4. if return digit length is greater than 10   | result will be <b>fail</b> |
| 5. if return digit length within range 1 to 10 | result will be <b>pass</b> |
| 6. if return blank                             | result will be <b>fail</b> |

Comment:

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**Function:** method will setBooking

3. ***setBooking(Date,Time)***

TestData: set data type Date(Display calender ) and Time(Minutes / Second)

TestStep:

1. ***check correct year range from 2019 to current year is selected***
2. ***check day selected***
3. ***check date select***
4. ***check time select to be tested***
5. ***check cownpassid***

ExpectedResult:

- |   |  |
|---|--|
| 1. if year is current or future         | result will be <b><i>pass</i></b> eg 2021    |
| 2. if year enter as five digit number   | result will be <b><i>fail</i></b> eg 20123   |
| 3. if day from Sunday to Saturday       | result will be <b><i>pass</i></b> eg Monday  |
| 4. if date within from 1-28 or 30 or 31 | result will be <b><i>Pass</i></b> eg date 27 |
| 5. if any of the fields left blank      | result will be <b><i>fail</i></b>            |

Comment:

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**Function:** method will setBooking  
***4. getBooking(Date,Time)***

TestData: return data type Date(Display calender ) and Time(Minutes / Second)

TestStep:

1. ***return year range from 2019 to current year***
2. ***return day***
3. ***return date***
4. ***return time***
5. ***return cownpassid***

ExpectedResult:

- |  |  |
|--|--|
| 1. if year is return current or future         | result will be <b><i>pass</i></b> eg 2021    |
| 2. if year return as five digit number         | result will be <b><i>fail</i></b> eg 20123   |
| 3. if return day from Sunday to Saturday       | result will be <b><i>pass</i></b> eg Monday  |
| 4. if return date within from 1-28 or 30 or 31 | result will be <b><i>Pass</i></b> eg date 27 |
| 5. if return any of the fields left blank      | result will be <b><i>fail</i></b>            |

Comment:

Task 3b:

## SYSTEM TEST PLAN

### **Enter Test Result**

FR-ST-01

Scenario 1

<b>User case:</b> Enter Test Result <b>Actor:</b> Tester <b>Goal:</b> To enter test result													
<b>Overview:</b> when crownpassholder arrive in test center for appointed time and date to be tested. The Tester check-in crownpassholder to the test center by keying crownpassholderID to the mobile App system. Mobile App post request https to the system database for crownpassholderID. The system confirm crownpassholderID by Acknowledging https request that crownpassholder detail already on the system. Tester update test result by entering crownpassholder result.													
<b>Cross-Reference:</b> R3, R4,R5,R6,R7,R8,R8,R9,R10													
<b>Typical course of events:</b>													
<table><thead><tr><th>Actor (Tester)</th><th>System Response</th></tr></thead><tbody><tr><td>1) crownpassholder arrive test centre</td><td></td></tr><tr><td>2) Tester key in CrownpassholderID</td><td>3) Display Crownpassholder details including previous test state</td></tr><tr><td>4) Tester check-in Crownpassholder to the test center</td><td>5) confirm Crownpassholder now in the test center</td></tr><tr><td>6) Tester update Crownpassholder result state</td><td>7) system confirm and change previous state</td></tr><tr><td>8) Tester check-out Crownpassholder of the test center</td><td>9) confirm Crownpassholder check-out of the test site.</td></tr></tbody></table>		Actor (Tester)	System Response	1) crownpassholder arrive test centre		2) Tester key in CrownpassholderID	3) Display Crownpassholder details including previous test state	4) Tester check-in Crownpassholder to the test center	5) confirm Crownpassholder now in the test center	6) Tester update Crownpassholder result state	7) system confirm and change previous state	8) Tester check-out Crownpassholder of the test center	9) confirm Crownpassholder check-out of the test site.
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1) crownpassholder arrive test centre													
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<b>Alternative courses:</b>													
Steps 2 and 3 The Crownpassholder details not on the system then Tester have to create crownpassholder to the system.													

### **Create New CrownPass**

FR-ST-01

Scenario 2

<b>User case:</b> Create New CrownPass <b>Actor:</b> Tester <b>Goal:</b> To create new CrownPass	
<b>Overview:</b> when customer arrive in test centre for appointed time and date to be tested. The Tester check to on the system if customer hold crownpassholder account. Mobile App request https to the system database for crownpassholderID. The system return Nill crownpassholderID by Acknowledging https request that crownpassholder detail not on the system. Tester create crownpassholder account and update test result.	
<b>Cross-Reference:</b> R3, R4,R5,R6,R7,R8,R8,R9	
<b>Typical course of events:</b>	
Actor (Tester)	System Response
1) Customer arrive test centre	
2) Tester check-in for the appointment to the test center	
3) Tester key in find customer detail	4) Display Nill record for the customer
5) Tester request any photo id for the account to be created	
6) Tester create new crownpassid for the customer	7) System confirm crownpassholderid account created
8) Tester add test record	9) update test record.
10) Tester check-out crownpassholder	11) confirm Crownpassholder check-out of the test site.
<b>Alternative courses:</b>	
Steps 5 and 6 The customer does not have photo id him/her. Another appointment have to be book for customer to bring right documentation in order to create crownpassholder account.	

Source :

1) [Beginner's Guide to Write Simple Test Cases \(Step-by-Step\) \(testautomationresources.com\)](http://testautomationresources.com)

2) A student guide to Object Oriented Development (Carol Britton . Jill Doake)